

ABSTRACT

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A method executed in an apparatus for generating graphics data
indicating shape features of three-dimensional graphics based on X, Y
5 and Z coordinate values, which includes the steps of generating a random
number using the X and Y coordinate values of a plurality of shape
specific points to determine a two-dimensional shape of the target
three-dimensional graphics as seeds of random numbers, calculating a Z
coordinate value of the shape specific point based on the generated
10 random number and generating the graphics data based on the
calculated Z coordinate value and the X and Y coordinate values of the
specific points.